

N1970 ★

Geoffrey Gordon, System Simulation

Now you can get the specific systems results you want, when you need them. With this new and vital book on 6 simulation languages applicable to all types of simulation problems.

Dear Sir:

Geoffrey Gordon of the IBM New York Scientific Center, the sole originator of GPSS, offers you an in-depth study of his language plus 5 other simulation languages, that will quickly and surely strengthen your ability to meet and solve every type of simulation problem. Because SYSTEM SIMULATION—and only SYSTEM SIMULATION—furnishes you with a host of fundamental and comprehensive simulation data. Data that helps you quickly and easily construct a full, firm foundation for the basics of simulation languages, techniques, applications.

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A discussion of the technique of simulation applied to both continuous and discrete systems. Plus a comparison with other techniques

Presentation of the probability and statistics theory involved in the construction of models and in the analysis of simulation results

Examples of applications drawn from a variety of fields

But the value of the book doesn't end here. By no means does it end here. Because aside from being a thorough incision into the core of system simulation, the book also provides you with the most completely workable and effective techniques and applications of simulation ever compiled on an introductory basis. Like these:

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The 360 CSMP program for an automobile suspension problem

DYNAMO and its durable goods industry model

A FORTRAN simulation of the telephone system

GPSS and the simulation of a manufacturing shop, a super-market, and a telephone system

2 telephone systems in SIMSCRIPT


Effective Control, System Simulation

And the book is effective, too. Tremendously effective. Because, as the above listing illustrates, the range of languages included in it, enables you to apply them to all types of simulation problems. Whether they be in engineering, biology, economics, industrial dynamics, switching systems, inventory control.

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recurrence and cobweb models
digital—analogue simulators
simultaneous equations
feedback systems
stochastic variables
Monte Carlo simulation
congestion in systems
the Erlang Distribution
queueing disciplines
verification of results

you've immensely strengthened yourself with such an all-encompassing, powerful background in and introduction to simulation that your job as analyst, engineer, programmer will assume a whole new and exciting dimension of efficiency, effectiveness, economy.

And to achieve all of this there's just one prerequisite—a copy of SYSTEM SIMULATION. But you can very easily fulfill this. Just complete the enclosed card and wait for your free 15 day examination copy to arrive.

Then read it. Understand it. Use the knowledge it produces for you. The results will be most fantastic—and welcomed. By you. By management.

So mail today.

Sincerely,

Steve T. Landis

Steve T. Landis

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